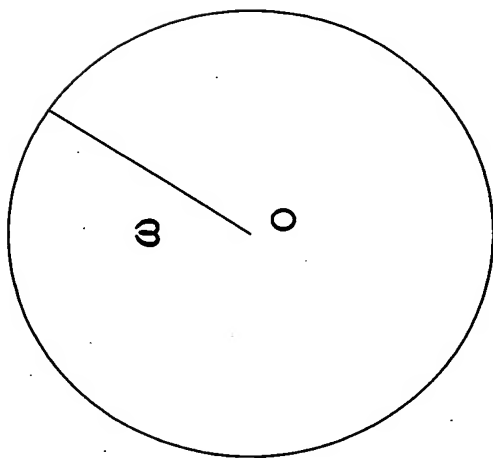


FIG. 1



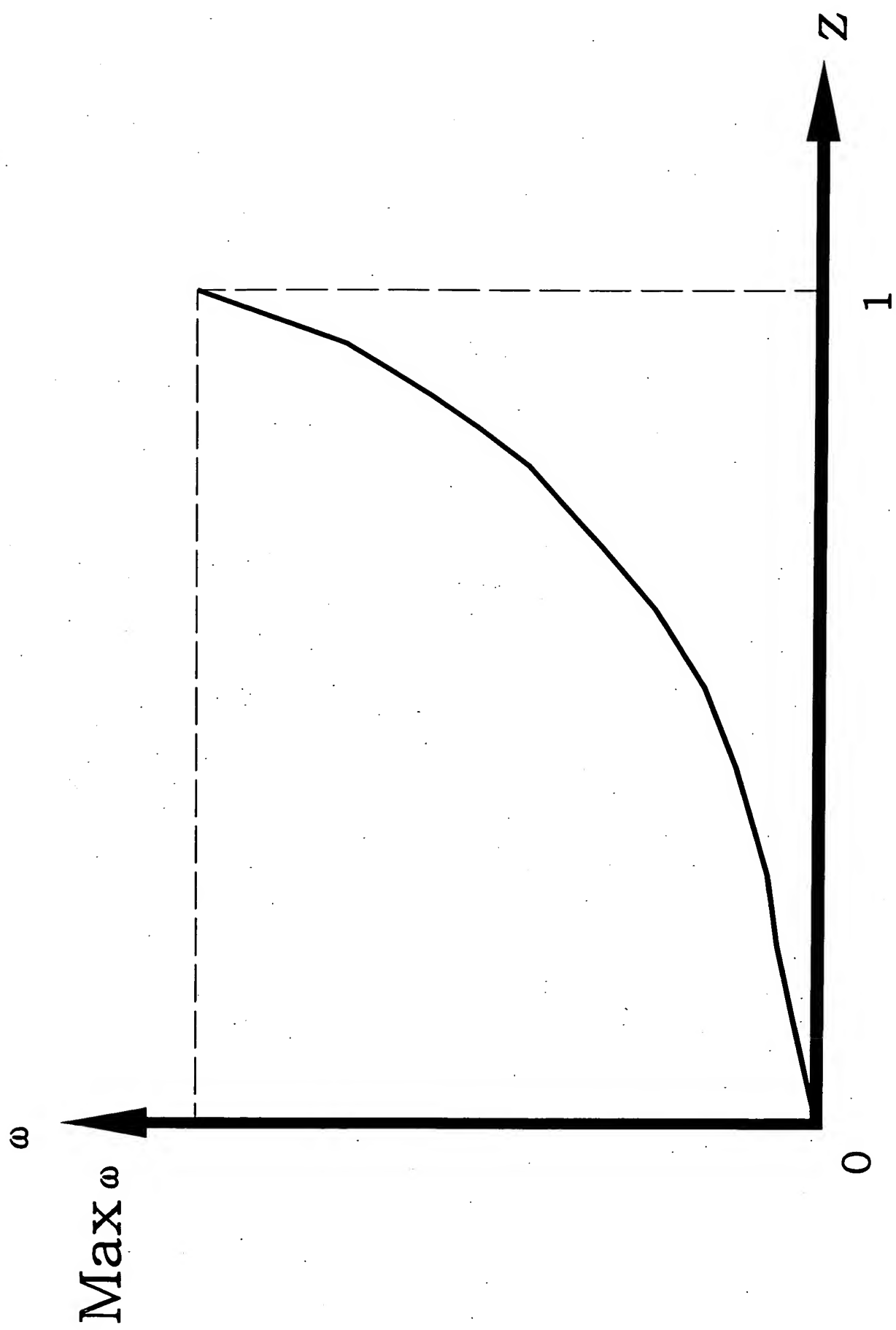


FIG. 2

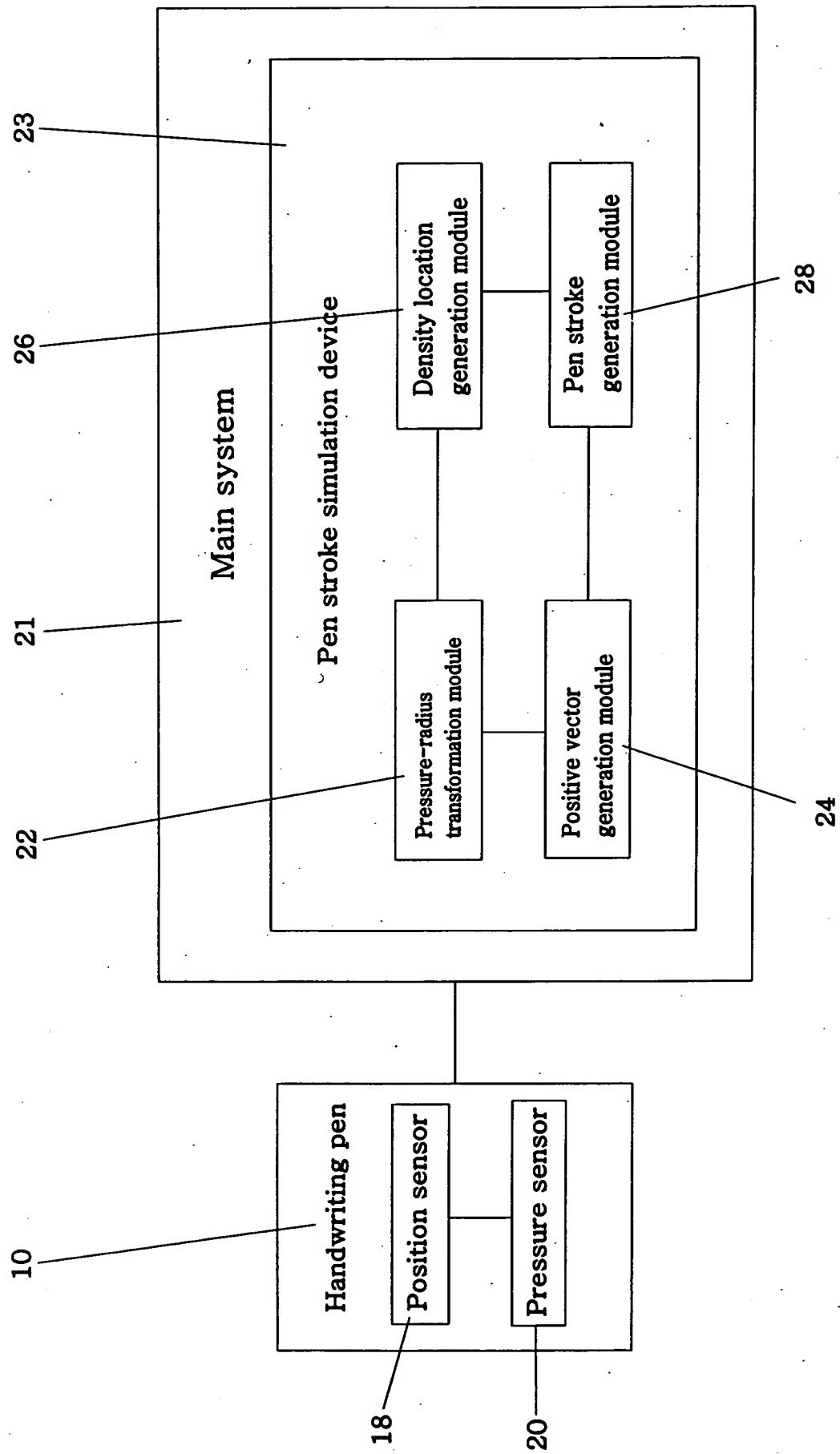


FIG. 3

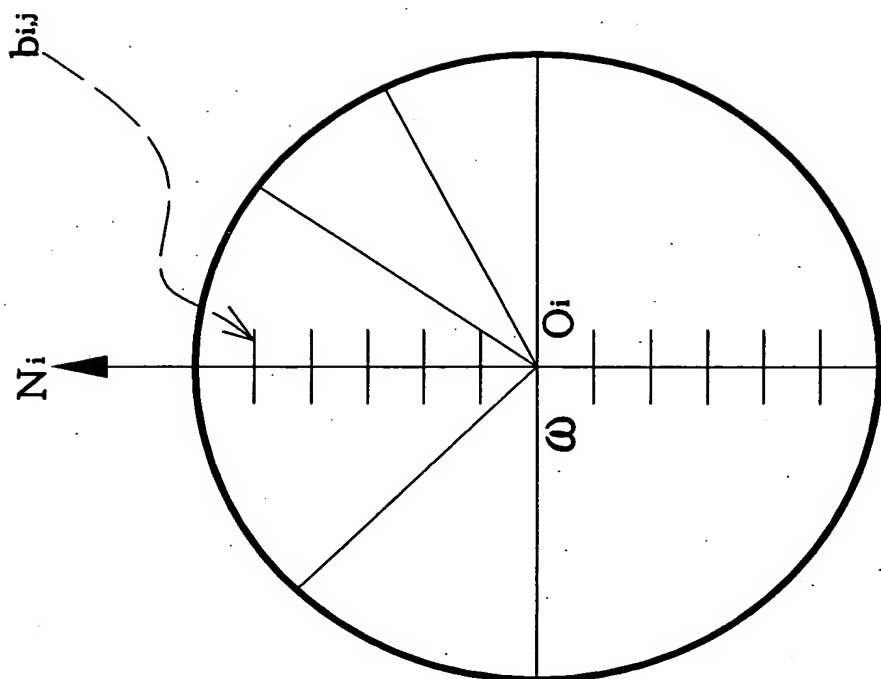


FIG. 4

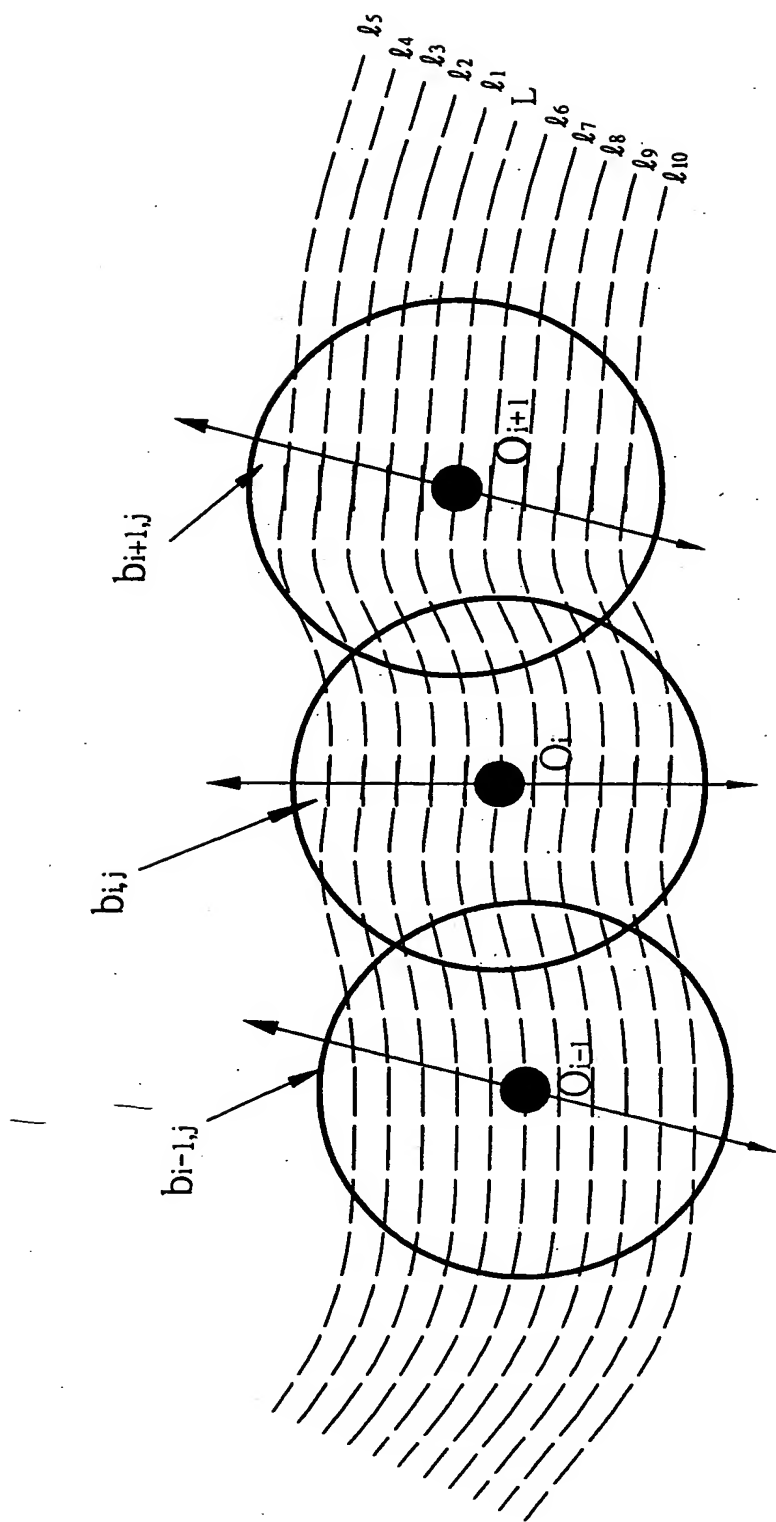


FIG. 5

30

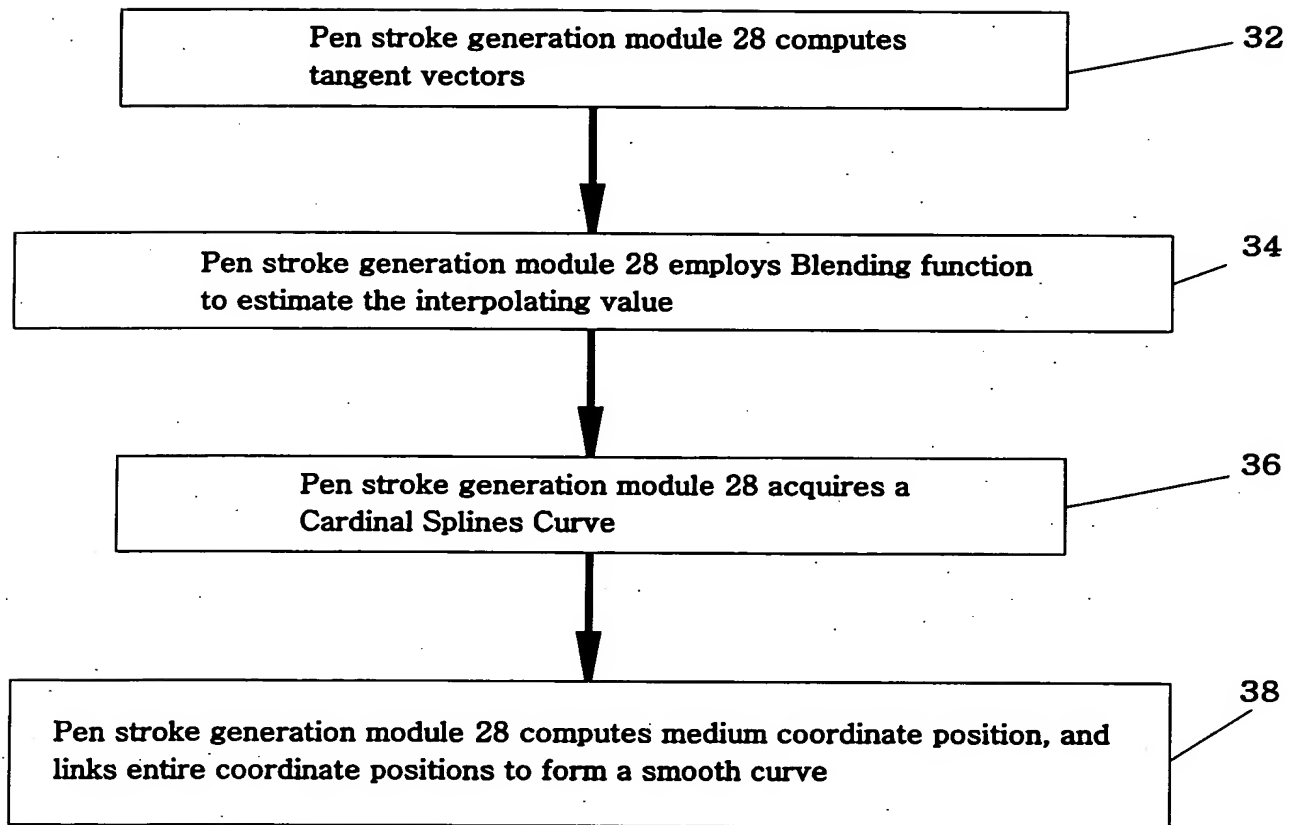


FIG. 6

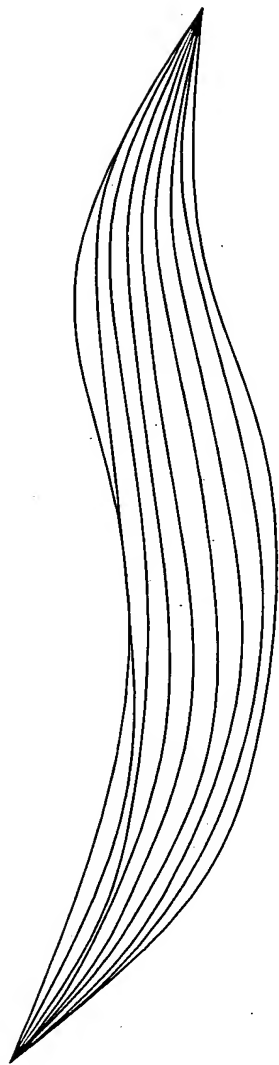


FIG. 7

Pen stroke generation module

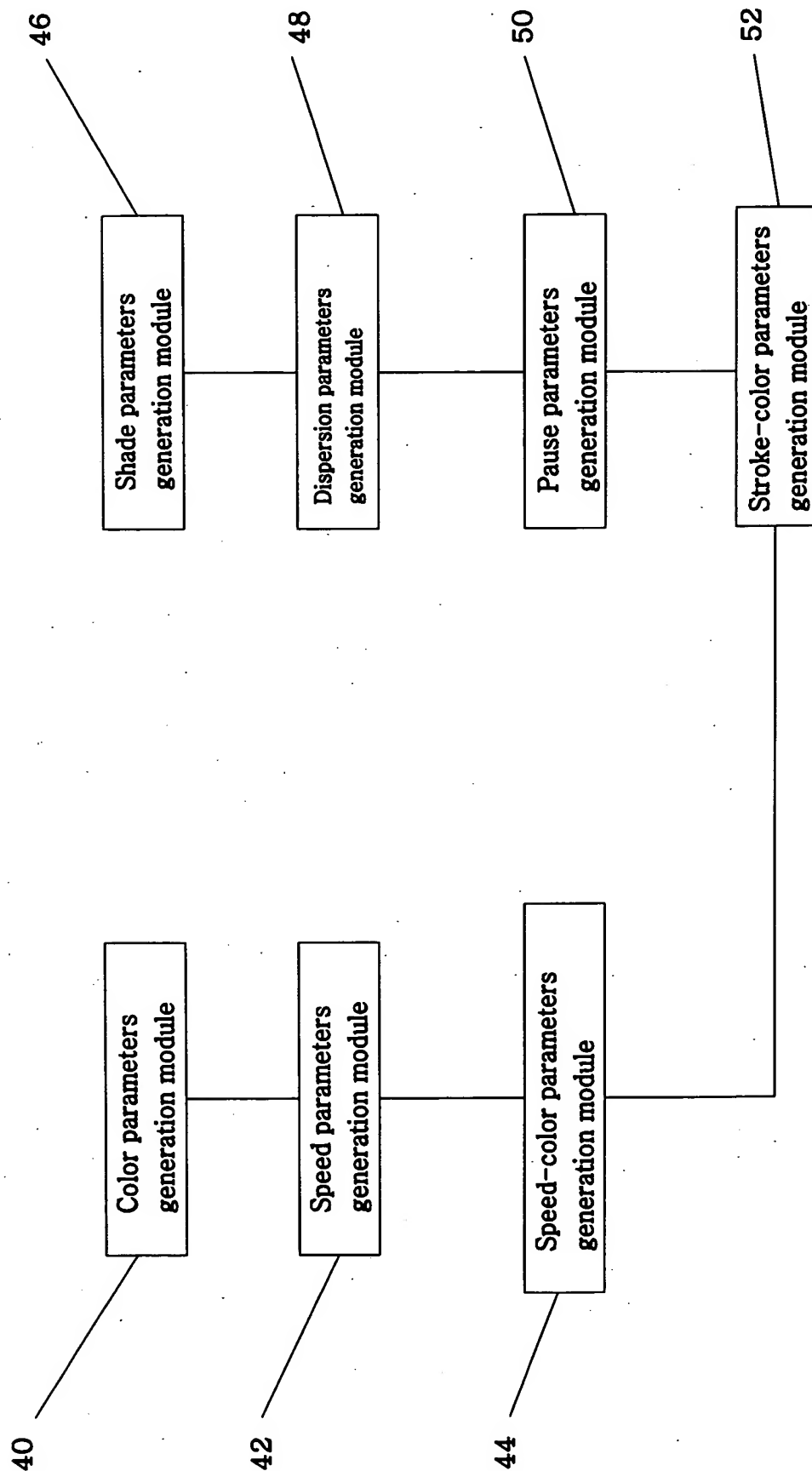


FIG. 8

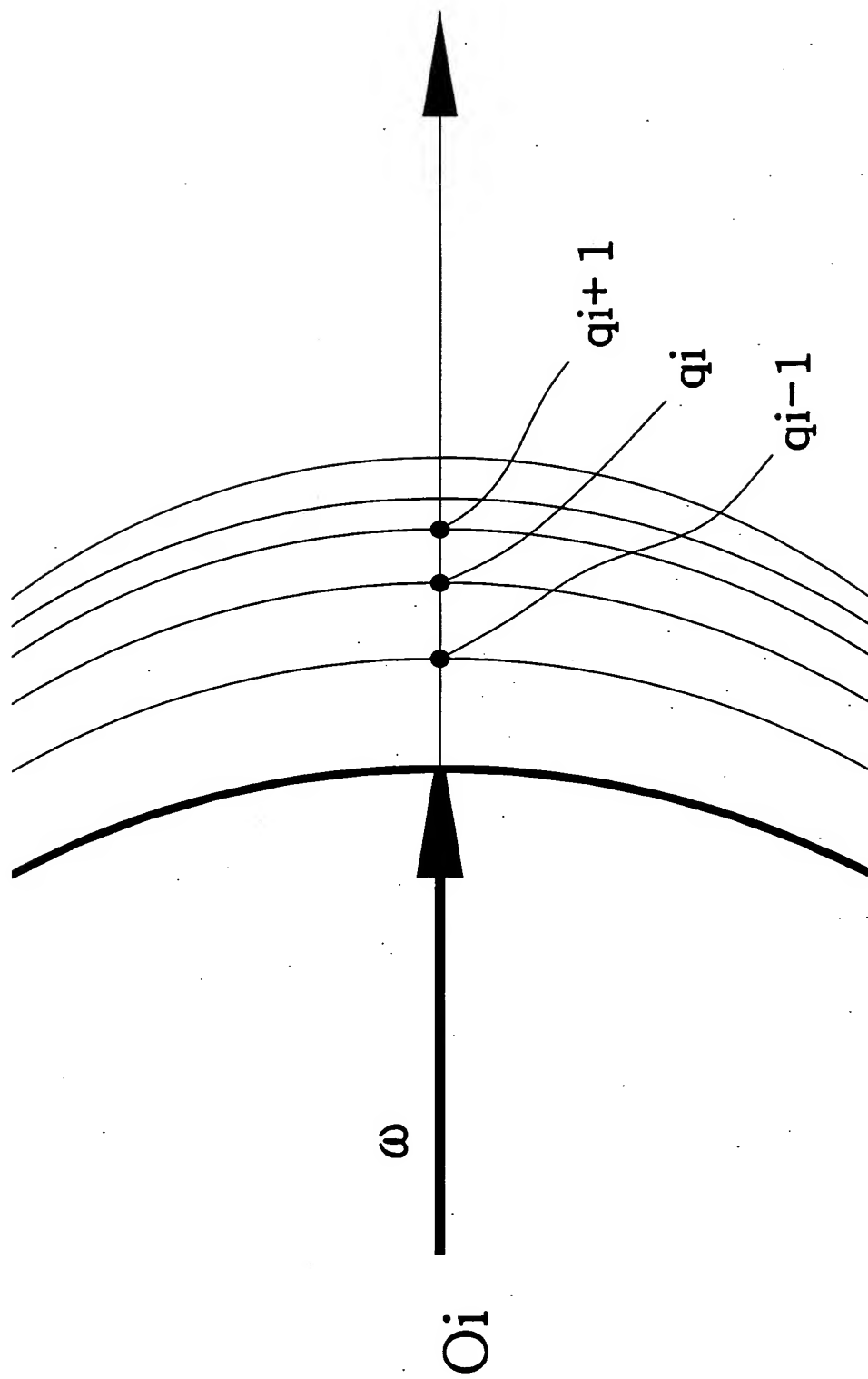


FIG. 9

FIG. 10



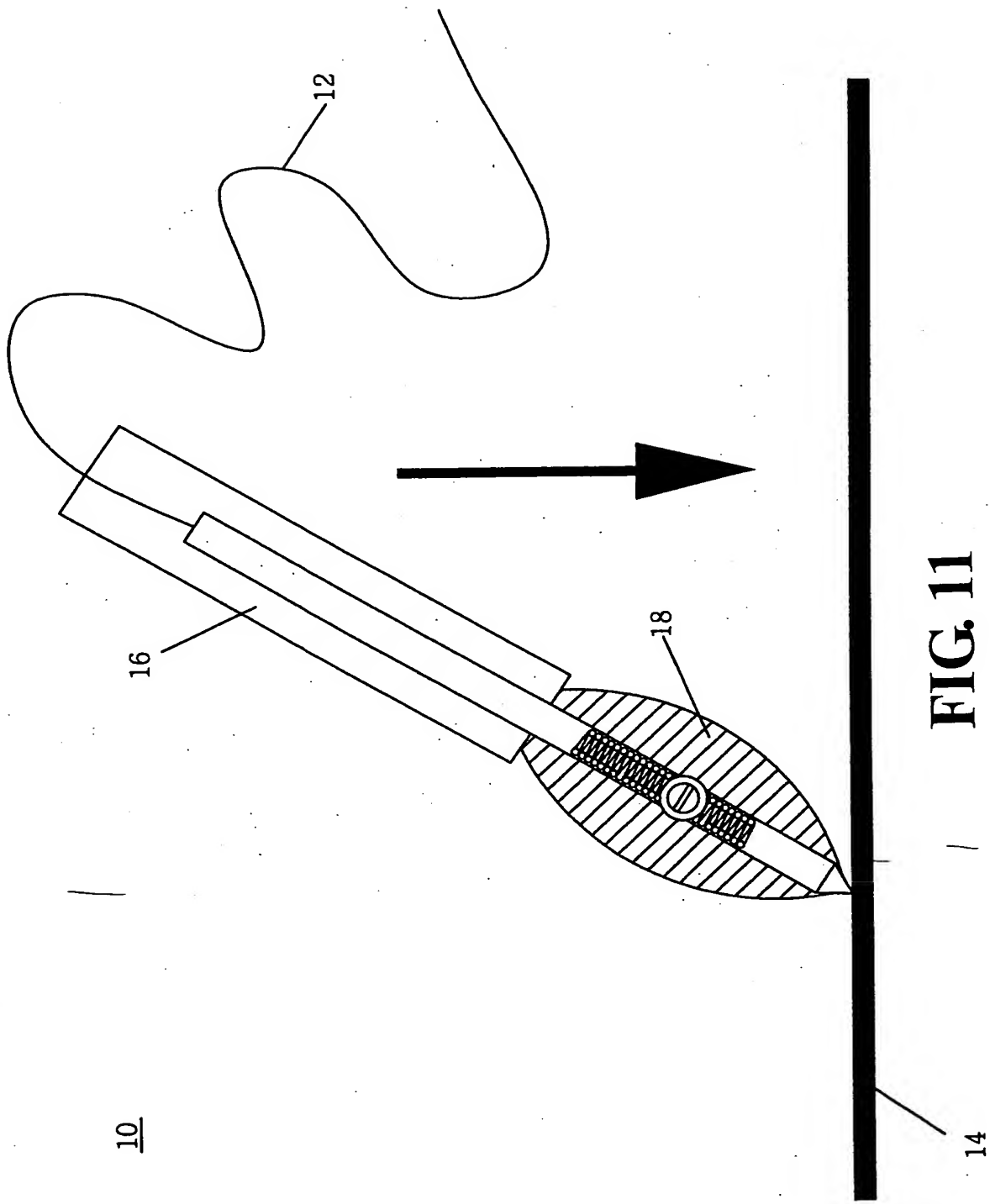


FIG. 11

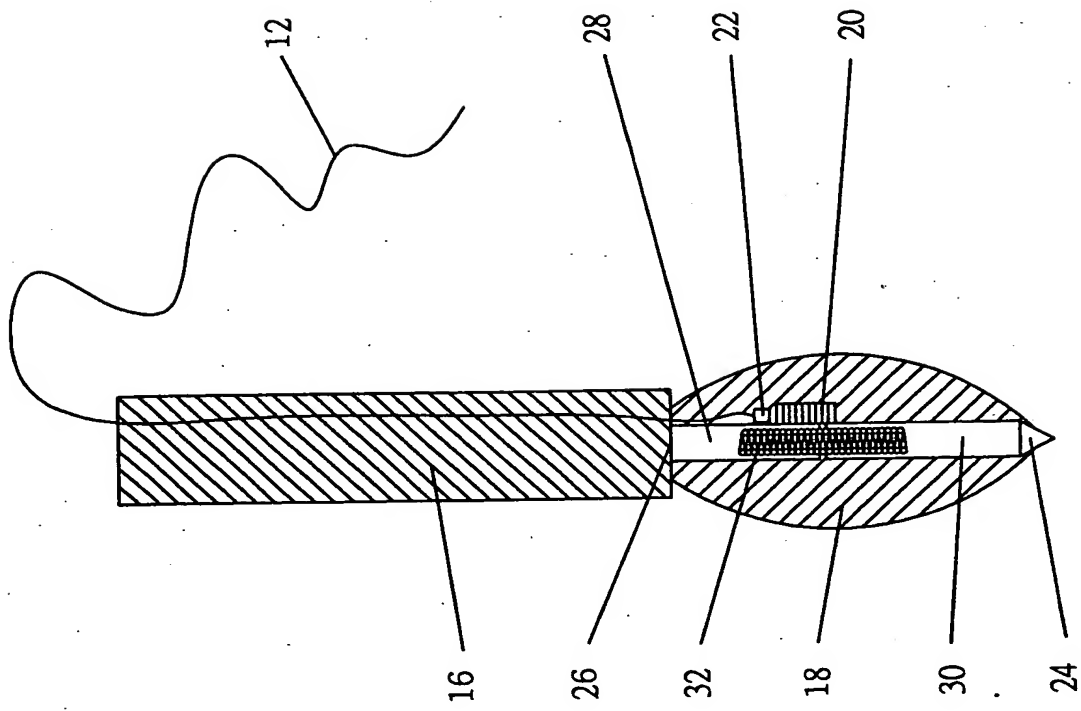


FIG. 12

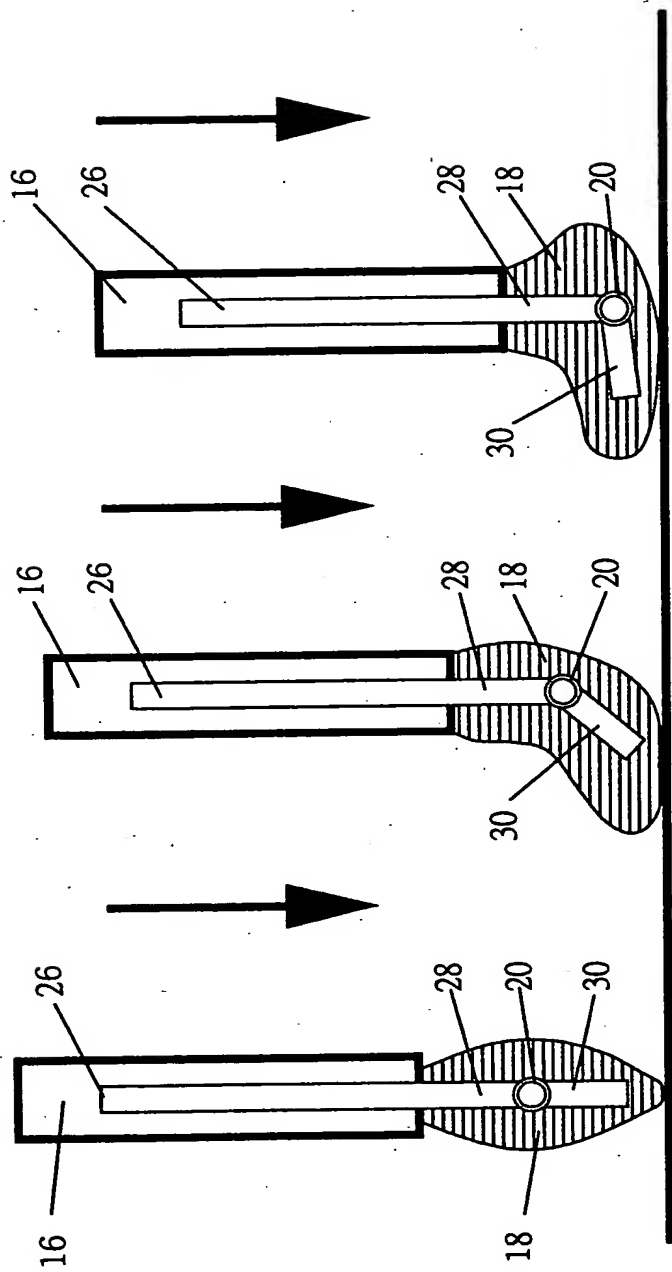


FIG. 13

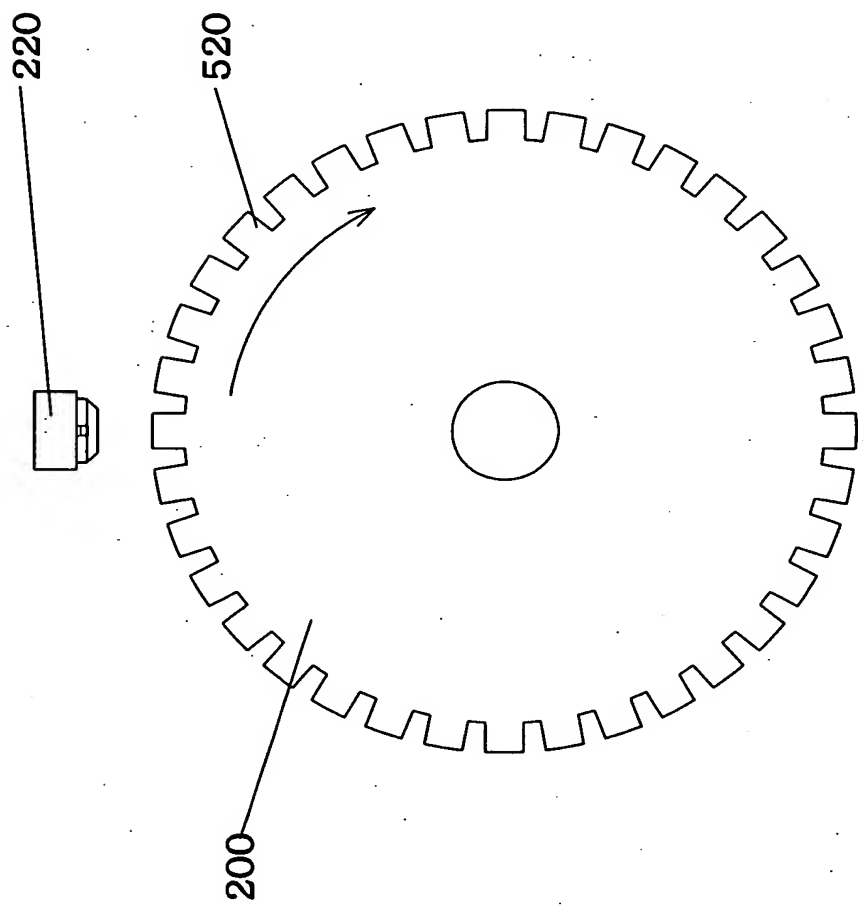
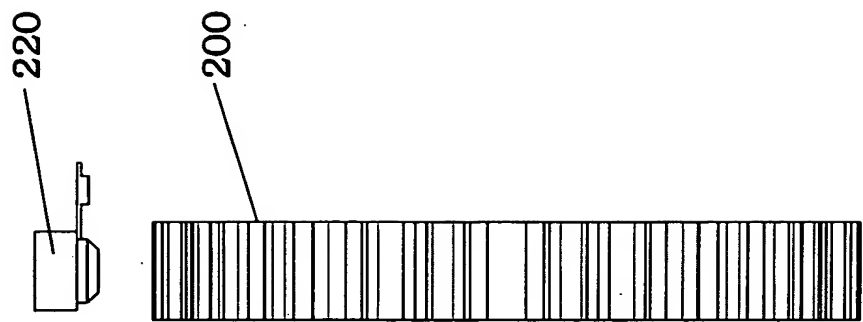


FIG. 14

100

Handwriting pen

340

Pen tip position sensor

220

Rotational velocity detector

360

460

Pressure signal transformer

480

Angle calculator

500

Angle-pressure transformer

Pressure generator

380

Signal processor

400

Gear position sensor

420

Direction sensor

Tangential velocity generator

440

FIG. 15

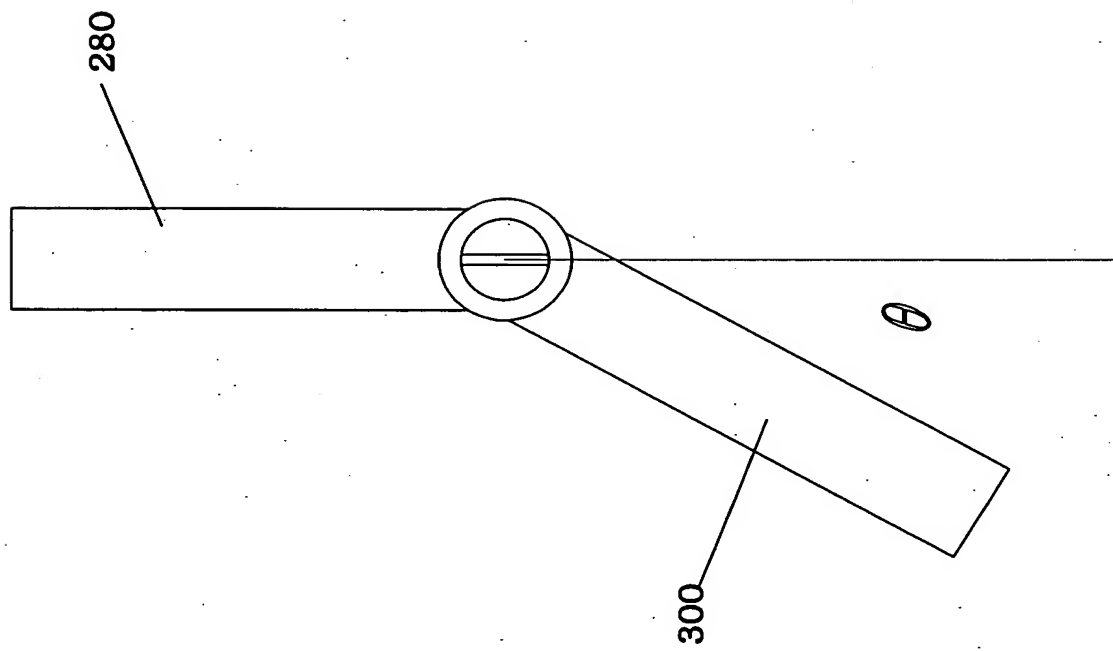


FIG. 16

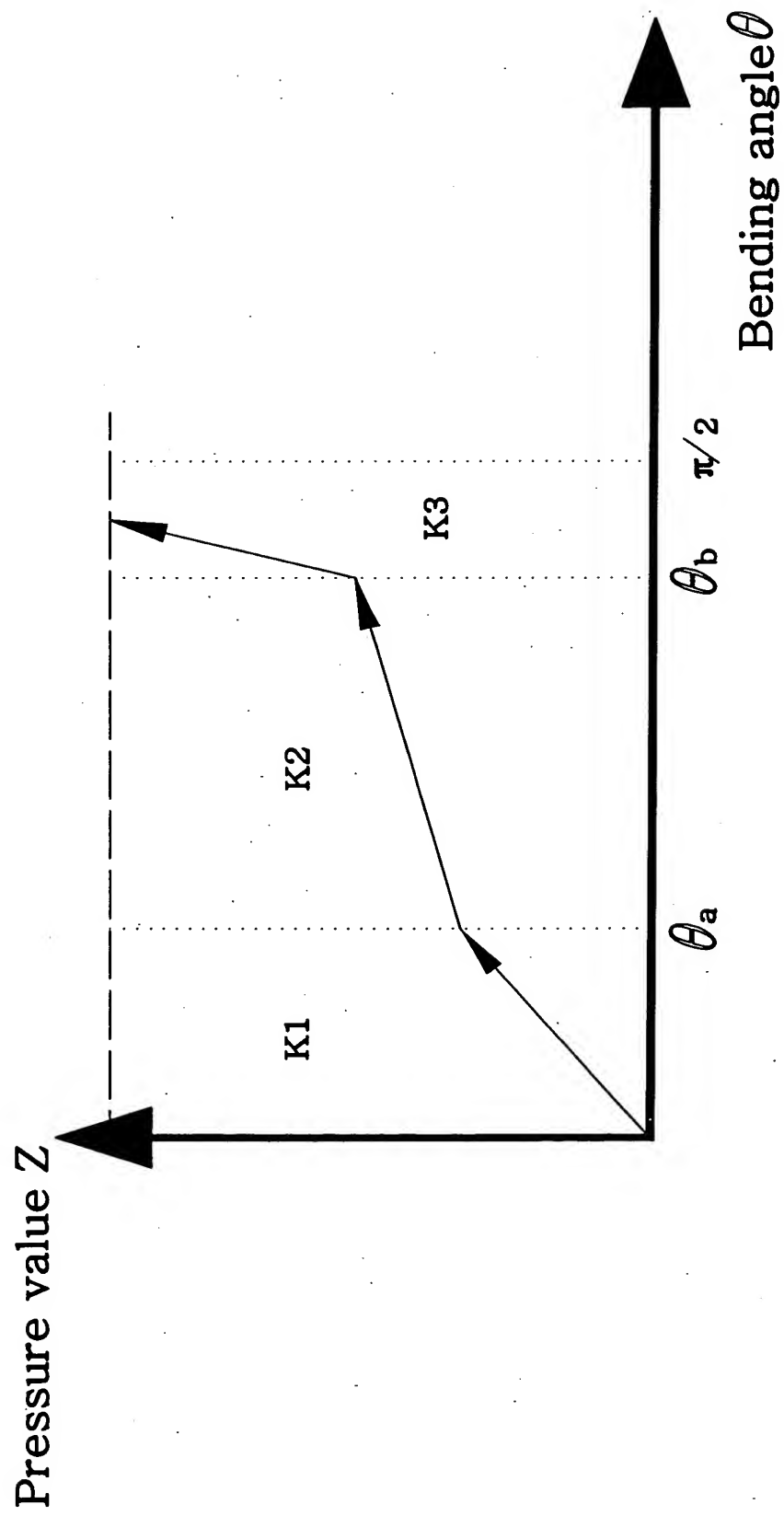


FIG. 17

540

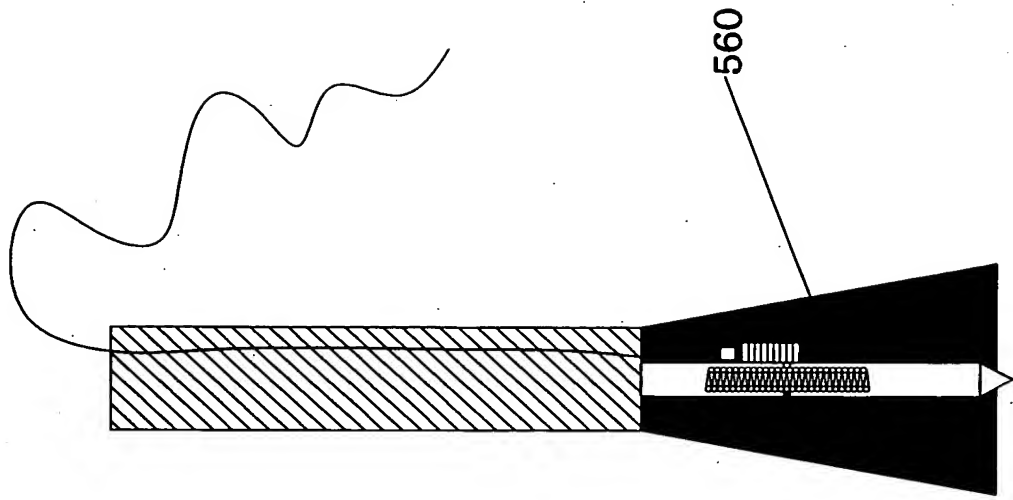


FIG. 18